

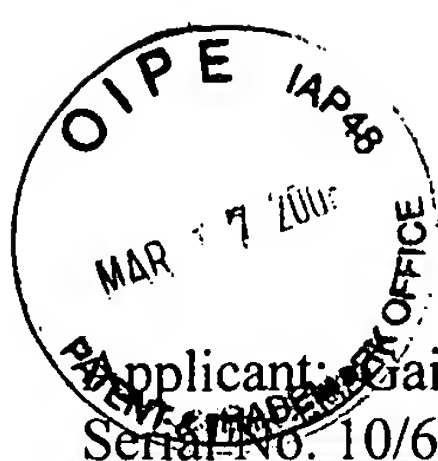


Applicant: Gaines Thomas Ray, et al.
Serial No. 10/659,546

IN THE SPECIFICATION

Please amend paragraph 0027 of the specification as follows.

[0027] The nozzle 22 may be designed to have a fixed sized opening or alternatively, the nozzle 22 may be designed to be adjustable to vary the size of the orifice 28 of a nozzle tip 29. **Figures 2 and 7** show an embodiment in which a nozzle tip 29 is fit over the nozzle 22. As shown in **Figure 2**, the nozzle tip 29 has a tapered nozzle tip interior 29a which is complementary in shape to the nozzle 22. As further shown in **Figure 2**, the nozzle 22 has a tapered nozzle apex 22a which extends completely through the orifice 28 of the nozzle tip 29 when the nozzle tip 29 is fully positioned on the nozzle 22 or engages the cartridge 12. The nozzle 22 may have threads 30, or other adjustable mechanism, to allow the nozzle tip 29 to move forwards and backwards over the threads 30 of the cartridge 12. In an alternative embodiment, this movement may be used to size an the adjustable opening orifice 28 of the nozzle tip 29, since the tapered nozzle apex 22a extends through the orifice 28, as shown in **Figure 2**, and therefore, the size of the orifice 28 varies according to the axial position of the nozzle tip 29 on the nozzle 22. That is, the size of the orifice 28 at the nozzle tip 29 may be varied when the nozzle tip 29 is turned. The size of the opening orifice 28 at the tip 29 is adjusted correspondingly. The nozzle 22 may be closed by covering the opening 28 with a cap after the cartridge 12 has been removed from the housing 11 to prevent drying and/or clogging of the substance 25. In an alternative embodiment, the cartridge may have a one-way built in valve to allow



Applicant: Gaines Thomas Ray, et al.
Serial No. 10/659,546

the substance to be dispersed, but other external substances, as well as any already dispersed substance, from reentering the inner chamber 25.